

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091180.D
 Acq On : 15 Nov 2016 15:54
 Operator : UM/SJ
 Sample : H5636-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19033041

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.744	3	5	57	rVB	2801038	7532853	100.00%	8.556%
2	4.761	266	269	277	rBV	487972	669928	8.89%	0.761%
3	5.047	289	294	298	rBV	78305	102522	1.36%	0.116%
4	5.219	307	309	319	rBV	1513667	1726138	22.91%	1.960%
5	5.779	354	358	361	rBV2	100012	162645	2.16%	0.185%
6	6.087	383	385	388	rBV	100499	143183	1.90%	0.163%
7	6.282	400	402	410	rBV	949375	1315880	17.47%	1.495%
8	6.396	410	412	415	rBV	2570383	3602190	47.82%	4.091%
9	6.590	425	429	431	rBV2	111382	173053	2.30%	0.197%
10	6.636	431	433	444	rVV	736621	873015	11.59%	0.992%
11	6.784	444	446	451	rVV	3026643	3857719	51.21%	4.381%
12	6.887	453	455	460	rVB	259903	306057	4.06%	0.348%
13	6.979	460	463	465	rBV2	143758	284216	3.77%	0.323%
14	7.173	477	480	481	rBV	242446	265511	3.52%	0.302%
15	7.207	481	483	485	rVV	3150577	3449380	45.79%	3.918%
16	7.287	488	490	492	rVV2	143185	194415	2.58%	0.221%
17	7.333	492	494	495	rVV	113269	158658	2.11%	0.180%
18	7.413	498	501	505	rVB3	238909	355596	4.72%	0.404%
19	7.539	509	512	513	rBV2	81096	128459	1.71%	0.146%
20	7.596	513	517	520	rVB3	307497	511982	6.80%	0.581%
21	7.665	520	523	526	rBV	1528081	1615165	21.44%	1.834%
22	7.756	530	531	533	rVB	259750	314297	4.17%	0.357%
23	7.916	538	545	549	rBV2	1485447	3458580	45.91%	3.928%
24	7.996	551	552	555	rVV3	85105	141681	1.88%	0.161%
25	8.053	555	557	558	rVB2	104355	80174	1.06%	0.091%
26	8.076	558	559	561	rVB	100458	136236	1.81%	0.155%
27	8.122	561	563	565	rBV3	106683	169683	2.25%	0.193%
28	8.202	568	570	573	rVB3	287765	428960	5.69%	0.487%
29	8.305	577	579	582	rVB	322684	413563	5.49%	0.470%
30	8.396	582	587	588	rBV2	504380	939660	12.47%	1.067%
31	8.430	588	590	593	rVV2	357839	614012	8.15%	0.697%
32	8.487	593	595	596	rVV2	226764	242329	3.22%	0.275%
33	8.510	596	597	599	rVV2	293223	324539	4.31%	0.369%
34	8.579	599	603	605	rVV3	412827	736612	9.78%	0.837%

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 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Stop Thrs : 0

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.636	605	608	610	rVV2	436546	556575	7.39%	0.632%
36	8.739	613	617	618	rVV	2778356	3821626	50.73%	4.340%
37	8.762	618	619	622	rVV2	180096	270609	3.59%	0.307%
38	8.830	622	625	627	rVV2	166352	307613	4.08%	0.349%
39	8.865	627	628	630	rVV2	87849	135868	1.80%	0.154%
40	8.956	633	636	637	rBV	245331	286449	3.80%	0.325%
41	9.002	637	640	642	rVV	5310527	5280567	70.10%	5.997%
42	9.082	646	647	650	rVV3	61223	136447	1.81%	0.155%
43	9.139	650	652	654	rVV	200637	348866	4.63%	0.396%
44	9.196	654	657	660	rVV	1041369	1616095	21.45%	1.835%
45	9.265	660	663	665	rVV	2127294	2992348	39.72%	3.399%
46	9.333	665	669	674	rVV	3082063	4788762	63.57%	5.439%
47	9.402	674	675	677	rVV2	418602	445434	5.91%	0.506%
48	9.448	677	679	684	rVV	1389633	2210761	29.35%	2.511%
49	9.528	684	686	689	rVV	858507	1126512	14.95%	1.279%
50	9.665	695	698	700	rBV	1276049	1773416	23.54%	2.014%
51	9.699	700	701	706	rVV3	460920	796928	10.58%	0.905%
52	9.779	706	708	710	rVV	563097	829872	11.02%	0.943%
53	9.825	710	712	713	rVV	241022	319855	4.25%	0.363%
54	9.882	713	717	718	rVV2	723452	1209043	16.05%	1.373%
55	9.916	718	720	721	rVV	806883	777250	10.32%	0.883%
56	9.939	721	722	724	rVV2	177794	211809	2.81%	0.241%
57	9.985	724	726	728	rVV2	572976	864175	11.47%	0.981%
58	10.076	732	734	739	rVV3	469512	1189744	15.79%	1.351%
59	10.168	740	742	744	rVV2	206621	232100	3.08%	0.264%
60	10.213	744	746	749	rVV	795575	970547	12.88%	1.102%
61	10.282	749	752	755	rVV	801178	1194719	15.86%	1.357%
62	10.328	755	756	759	rVV2	271314	470309	6.24%	0.534%
63	10.373	759	760	762	rVV2	173085	219775	2.92%	0.250%
64	10.419	762	764	765	rVV2	70668	82931	1.10%	0.094%
65	10.465	765	768	770	rVV	3089144	3748498	49.76%	4.257%
66	10.499	770	771	774	rVV2	143592	184877	2.45%	0.210%
67	10.602	777	780	782	rVB	574492	797575	10.59%	0.906%
68	10.659	783	785	786	rBV2	106615	107120	1.42%	0.122%
69	10.762	791	794	795	rVV	184892	259040	3.44%	0.294%
70	10.796	795	797	800	rVB2	332757	576351	7.65%	0.655%
71	10.911	805	807	809	rVB3	123945	180177	2.39%	0.205%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	11.002	813	815	816	rBV	64822	85540	1.14%	0.097%
73	11.059	816	820	823	rVB2	362956	760600	10.10%	0.864%
74	11.151	825	828	829	rBV	1520852	1397628	18.55%	1.587%
75	11.265	836	838	841	rBV	72891	110197	1.46%	0.125%
76	11.414	849	851	853	rVB	84985	88423	1.17%	0.100%
77	11.459	853	855	858	rBV3	139869	206256	2.74%	0.234%
78	11.516	858	860	862	rVB2	118632	143946	1.91%	0.163%
79	11.562	862	864	867	rVB2	67088	83109	1.10%	0.094%
80	11.654	870	872	873	rBV	113756	117062	1.55%	0.133%
81	11.756	879	881	882	rBV	99207	103487	1.37%	0.118%
82	12.739	964	967	969	rBV	5157982	5569088	73.93%	6.325%
83	13.642	1044	1046	1052	rVB	142761	185090	2.46%	0.210%
84	13.779	1055	1058	1060	rBV	1230470	1393297	18.50%	1.582%
85	15.140	1175	1177	1180	rBV	745718	1053571	13.99%	1.197%

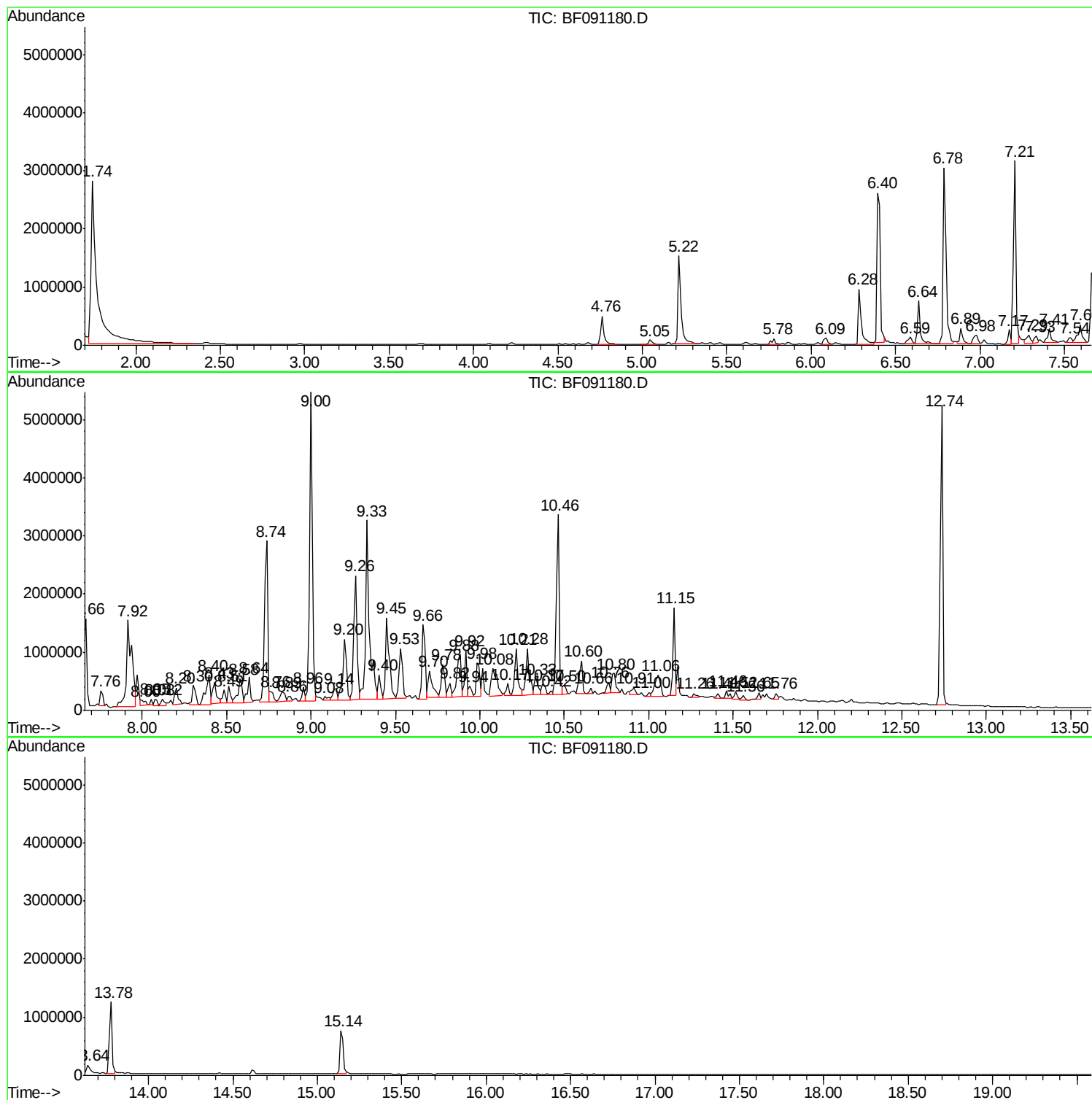
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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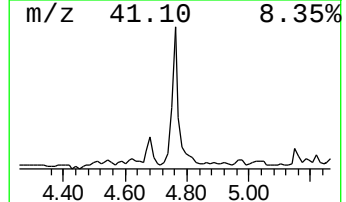
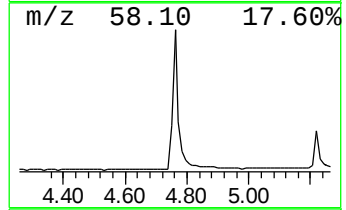
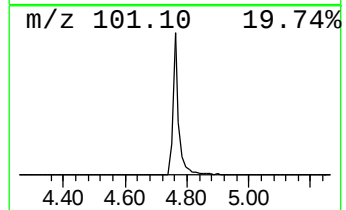
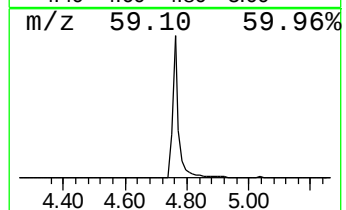
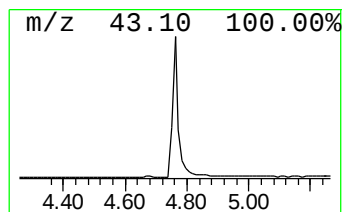
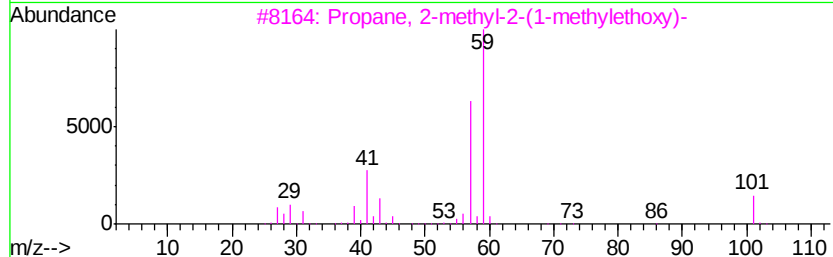
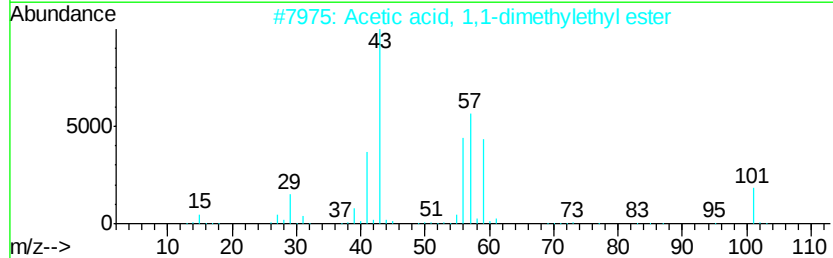
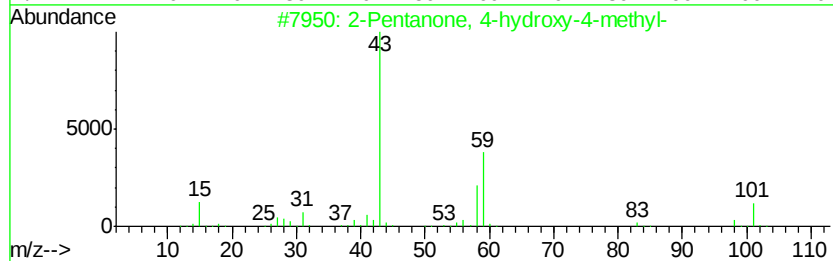
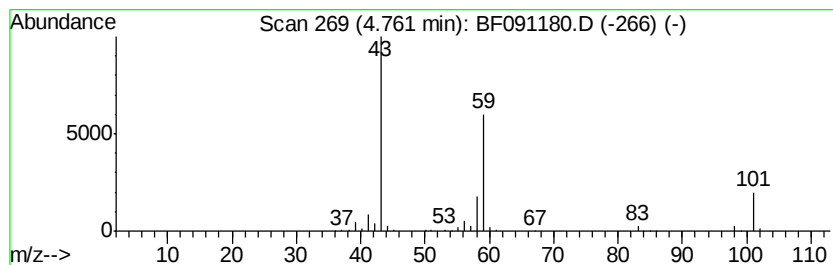
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	15.35 ng	669928	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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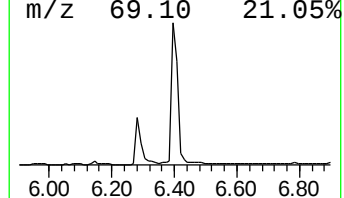
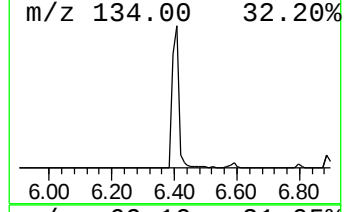
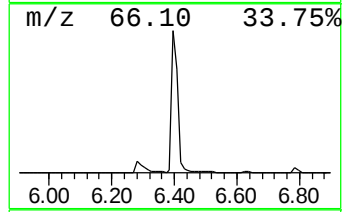
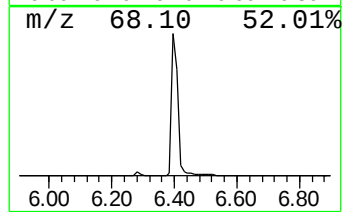
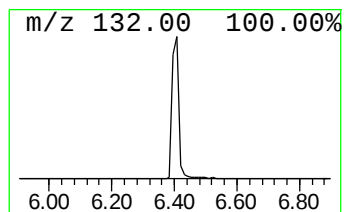
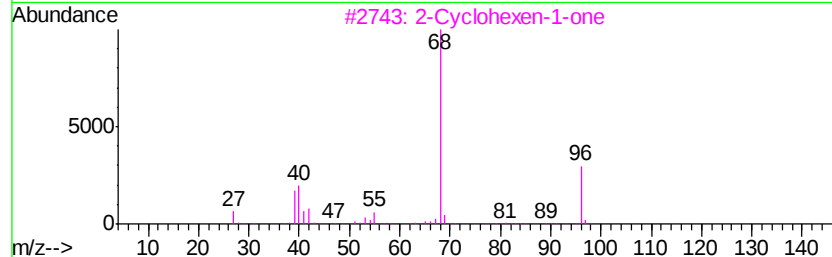
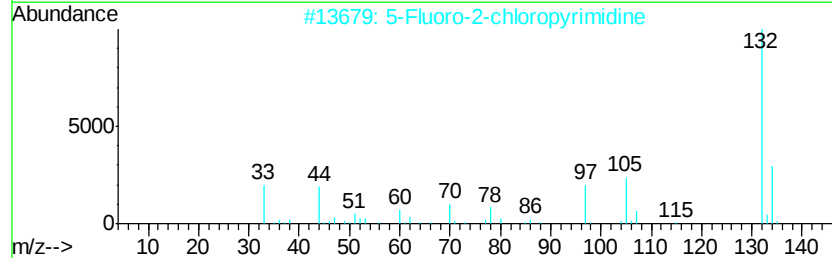
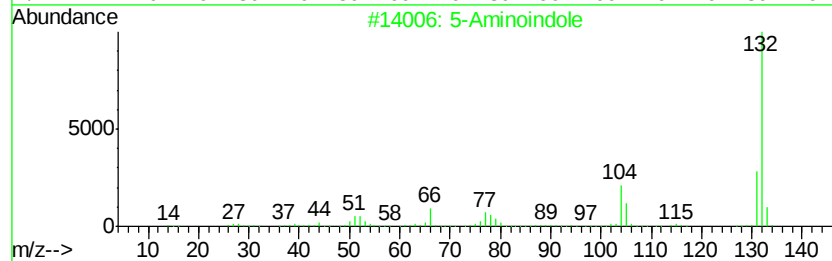
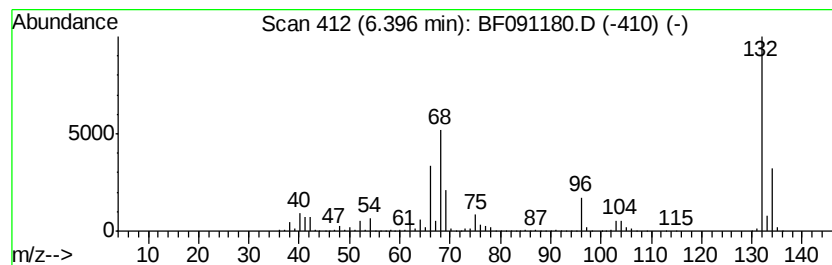
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	82.52 ng	3602190	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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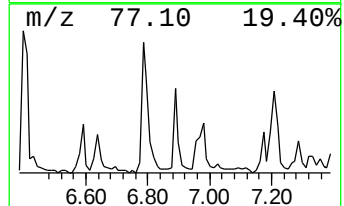
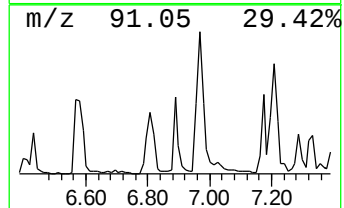
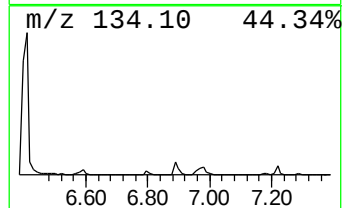
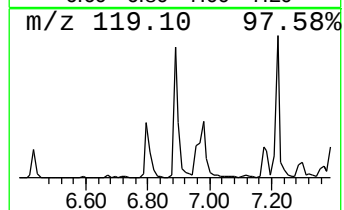
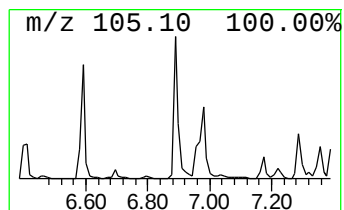
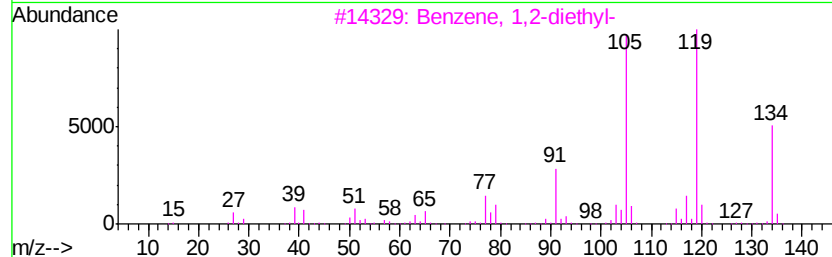
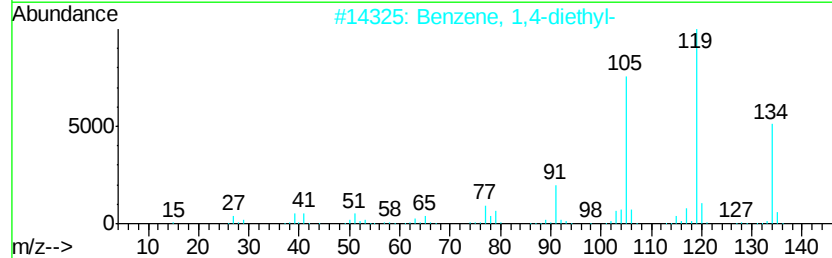
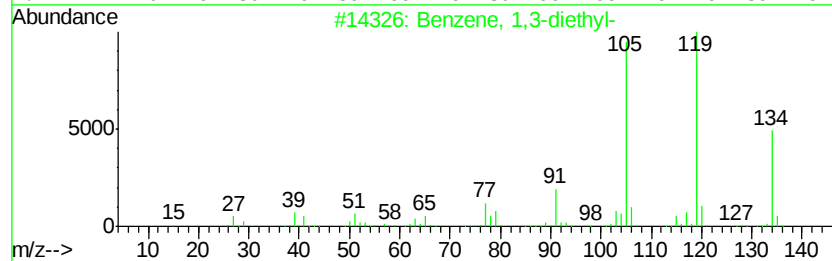
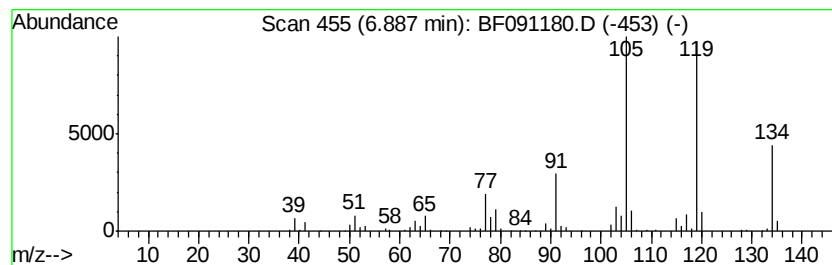
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	7.01 ng	306057	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



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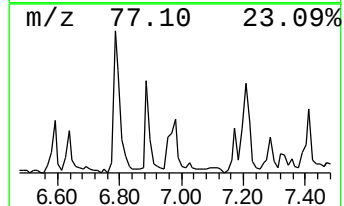
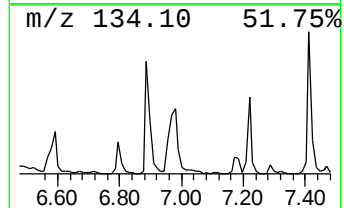
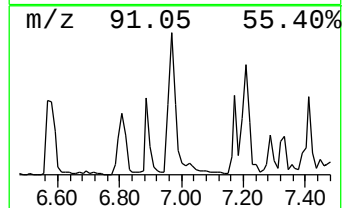
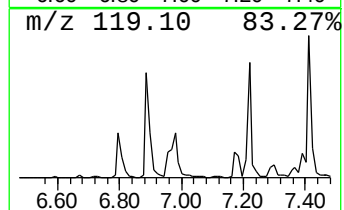
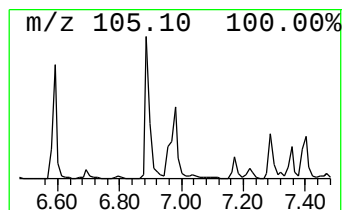
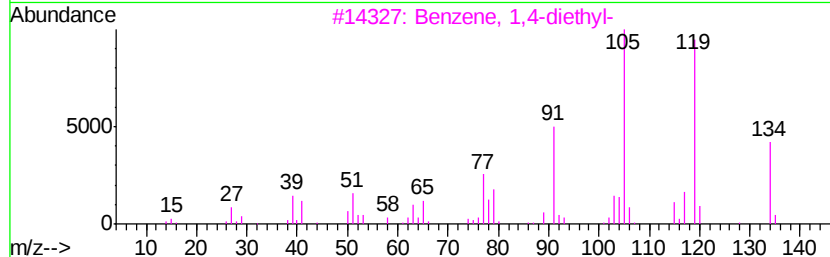
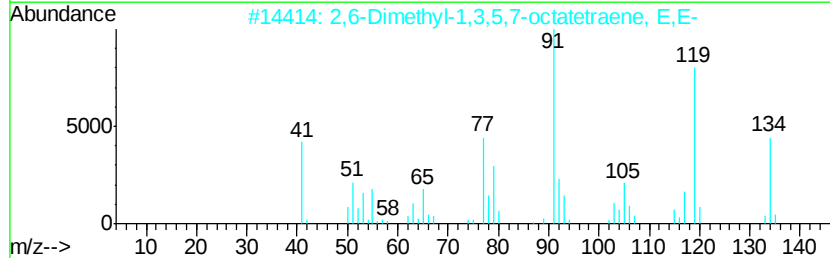
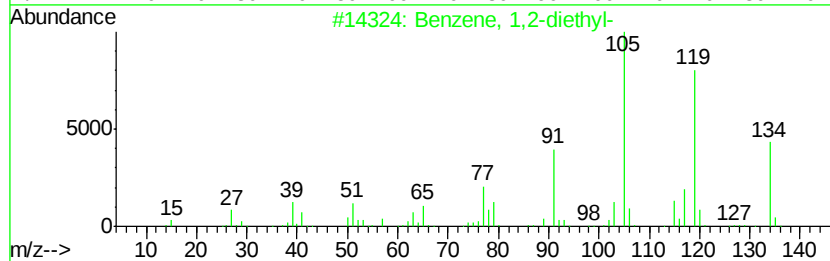
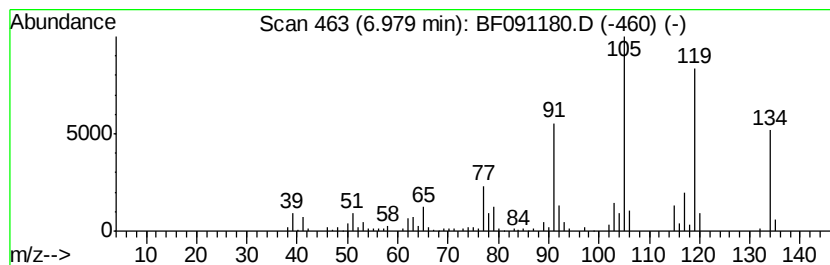
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	6.51 ng	284216	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	93
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5		Cyclobutene, bis(1-methylethylid...	134	C10H14	003642-14-6	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C19033041

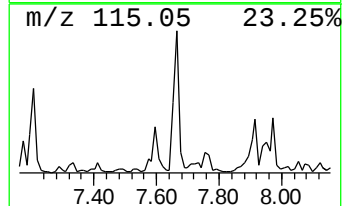
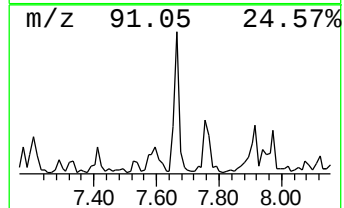
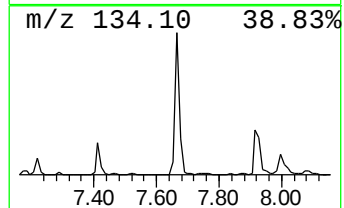
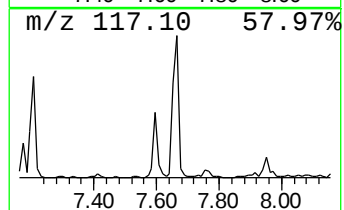
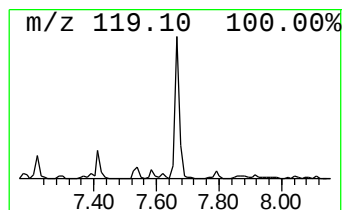
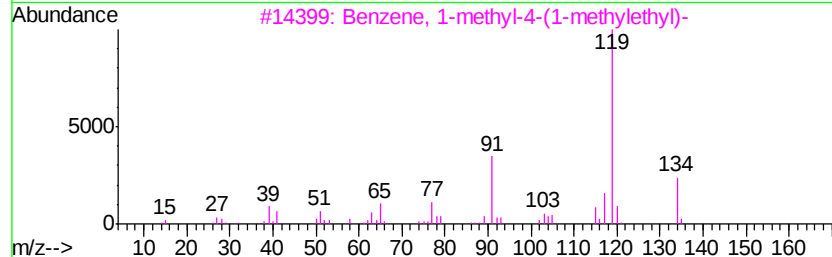
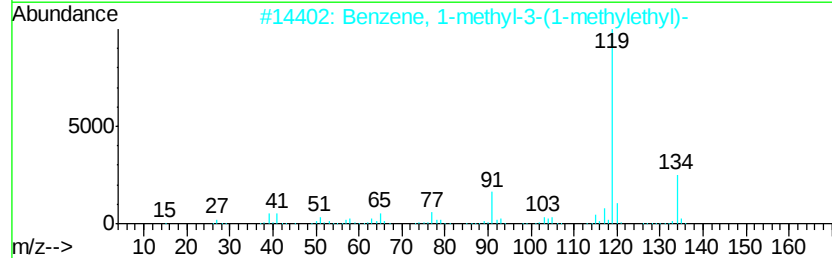
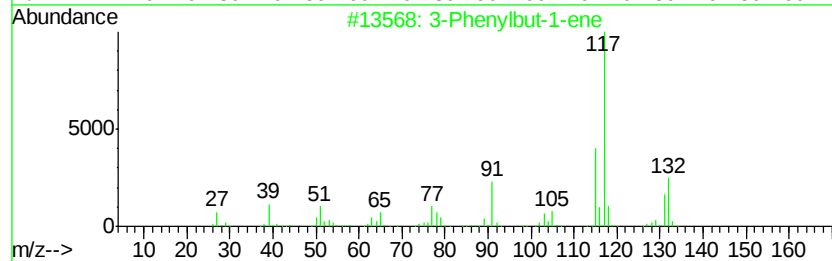
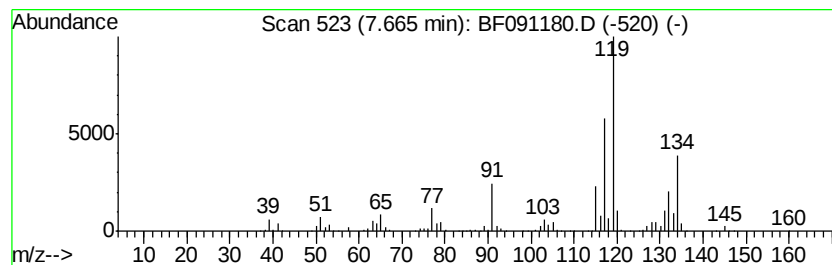
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	9.34 ng	1615170	Naphthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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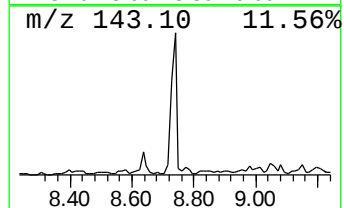
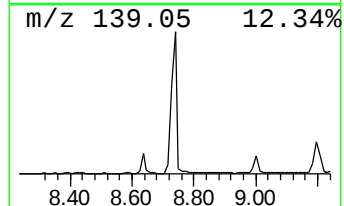
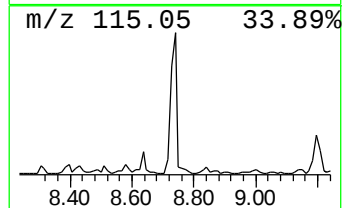
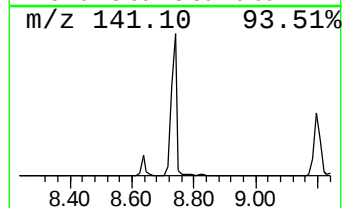
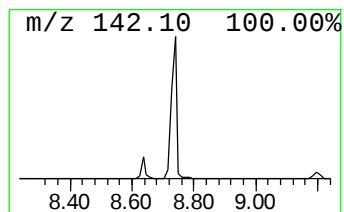
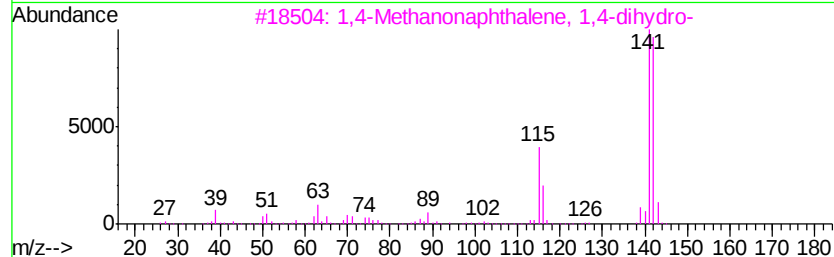
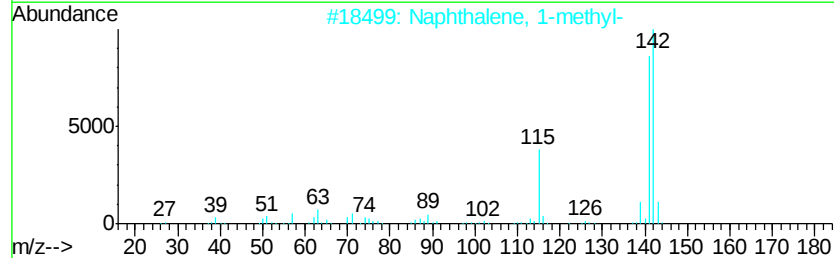
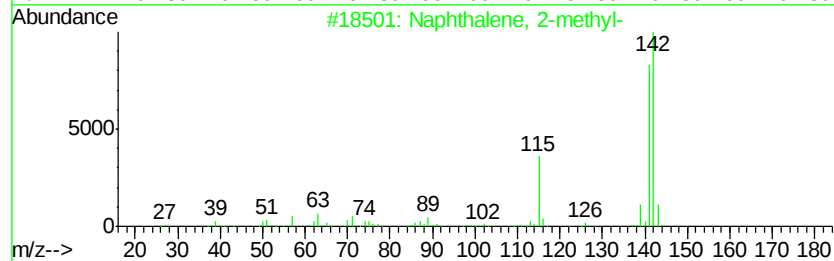
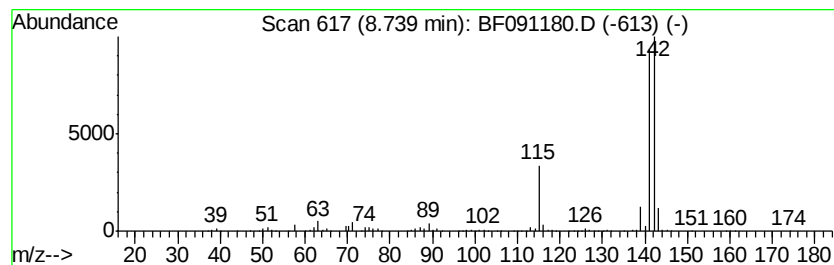
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	22.10 ng	3821630	Naphthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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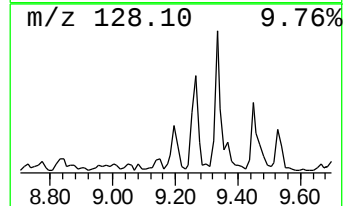
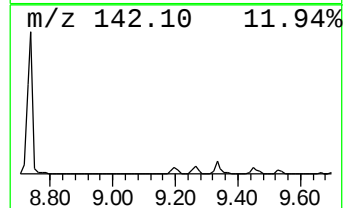
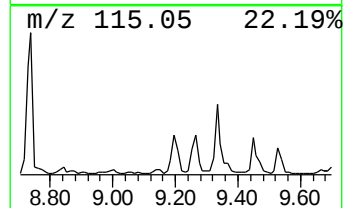
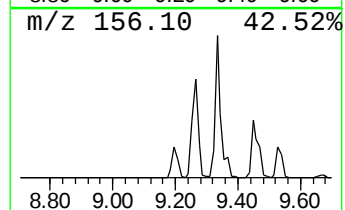
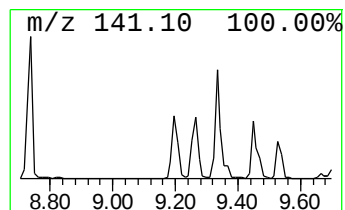
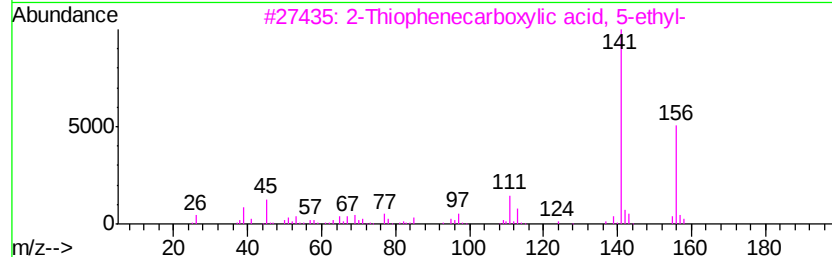
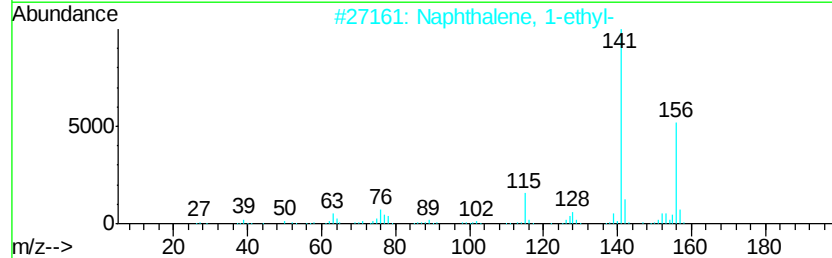
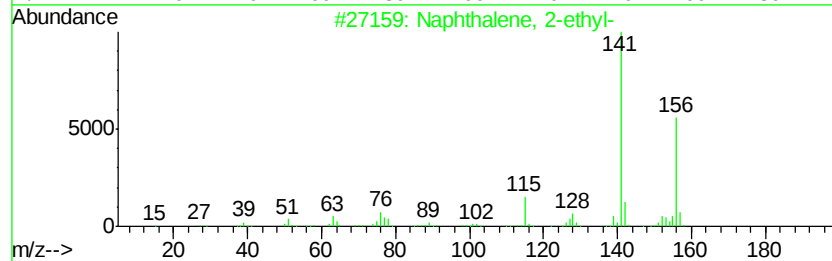
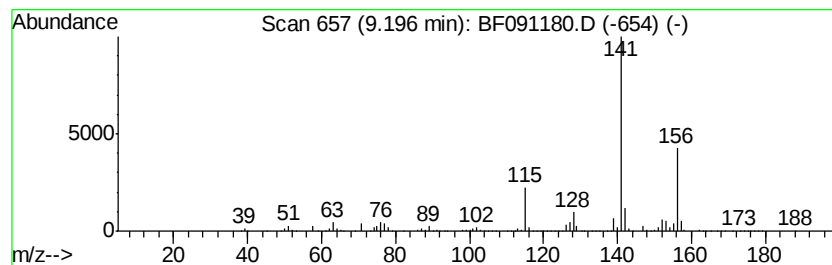
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	18.23 ng	1616100	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	64
4		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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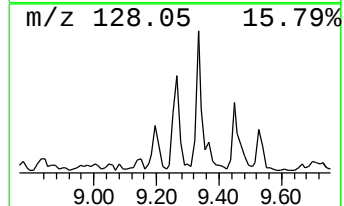
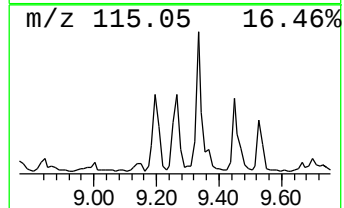
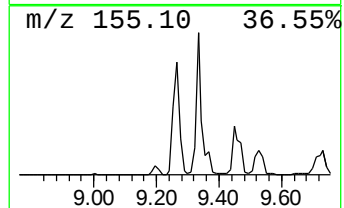
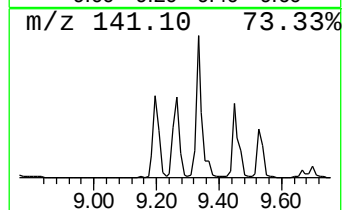
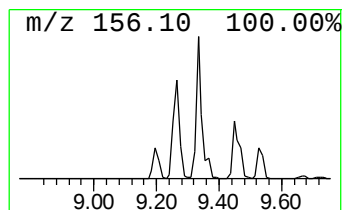
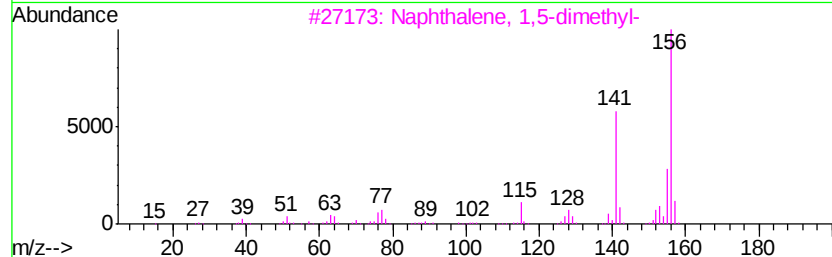
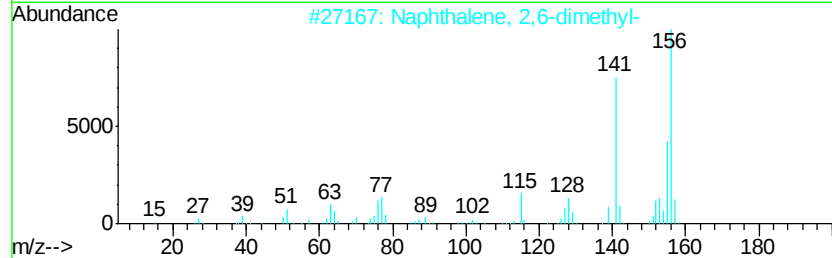
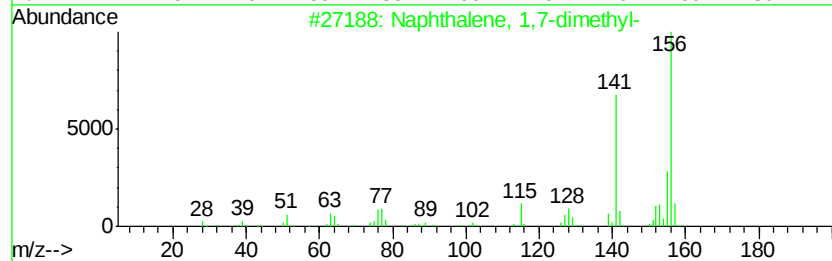
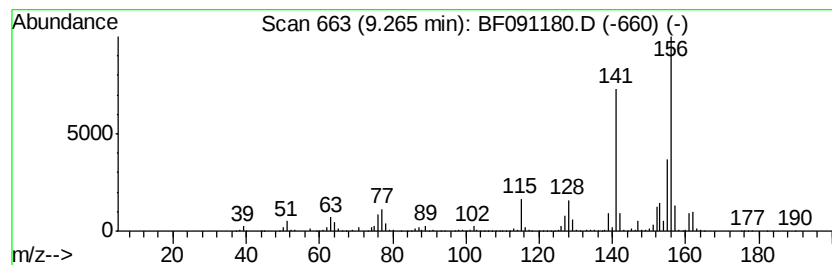
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	33.75 ng	2992350	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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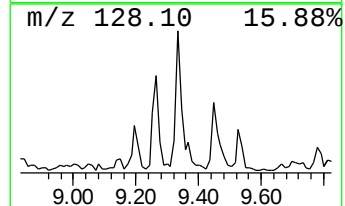
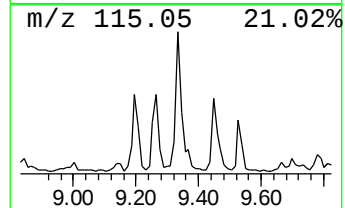
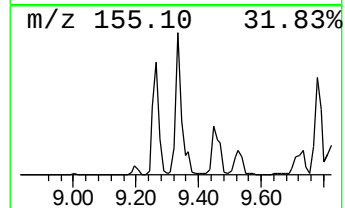
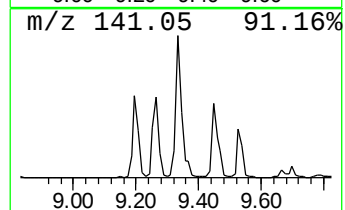
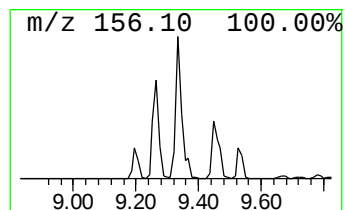
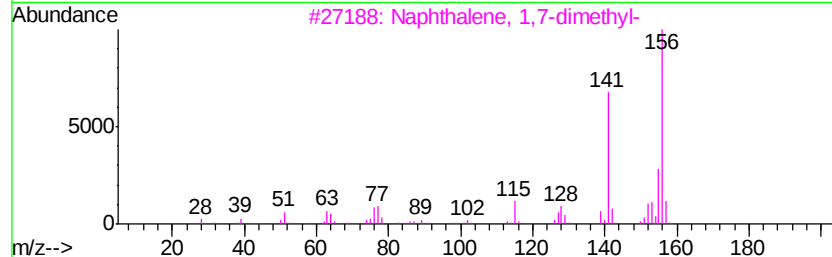
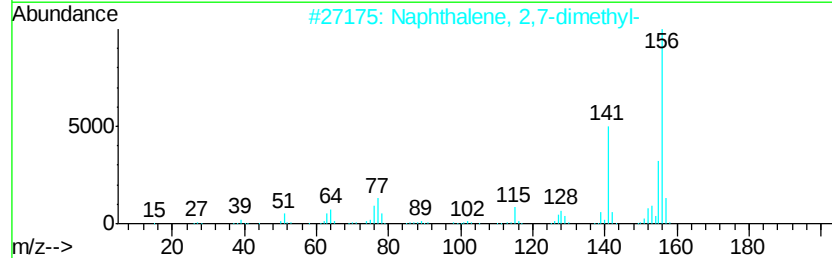
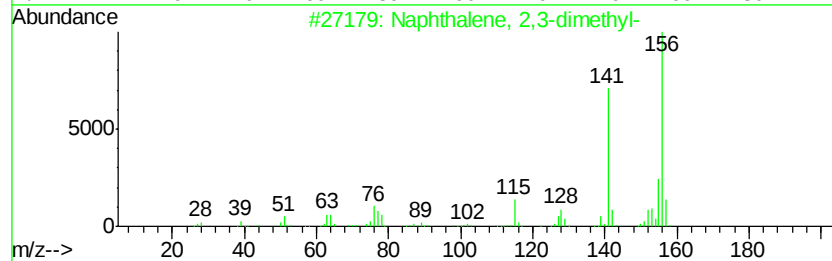
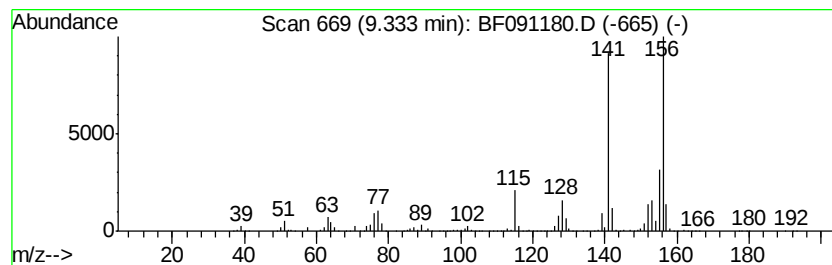
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	54.01 ng	4788760	Acenaphthene-d10	9.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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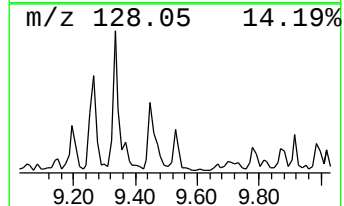
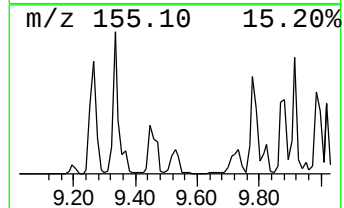
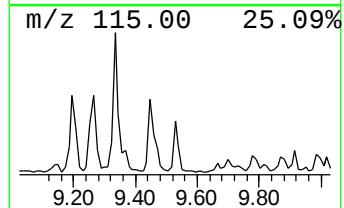
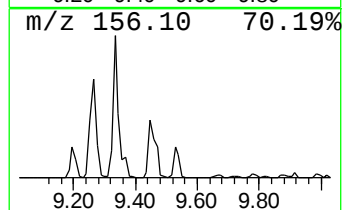
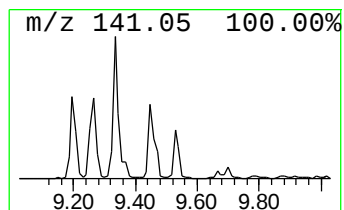
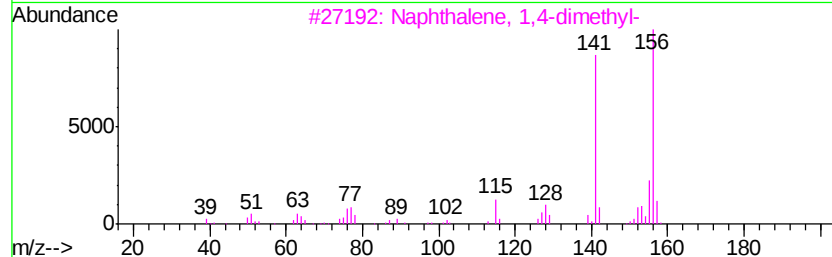
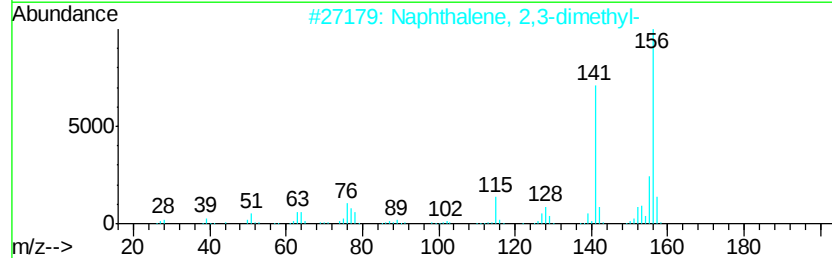
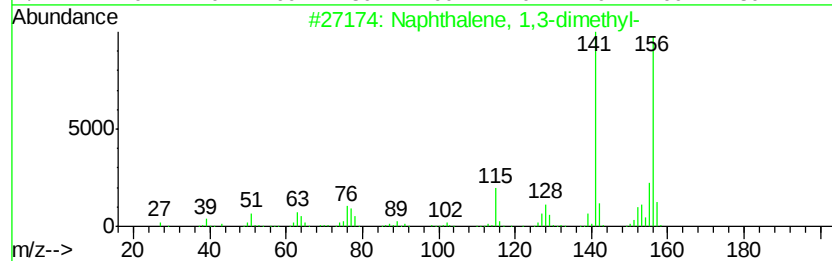
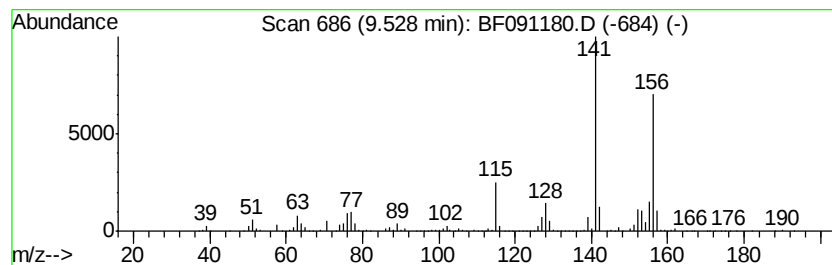
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	12.70 ng	1126510	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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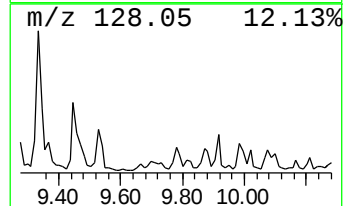
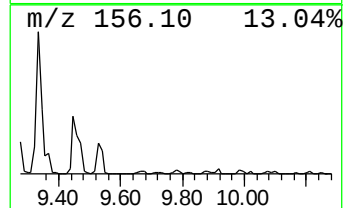
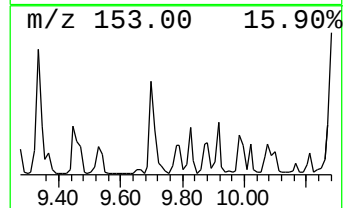
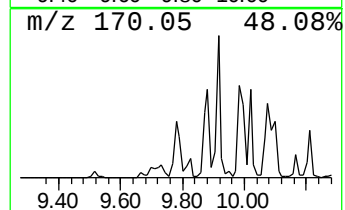
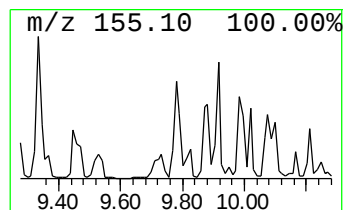
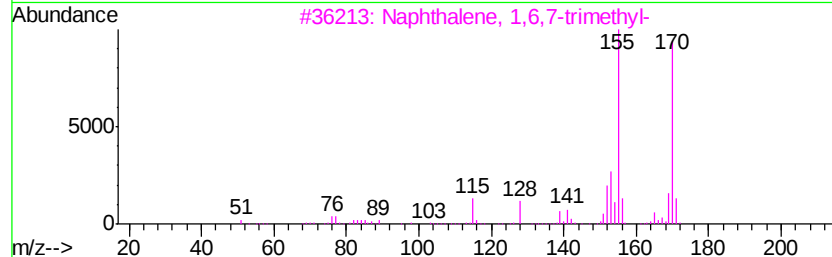
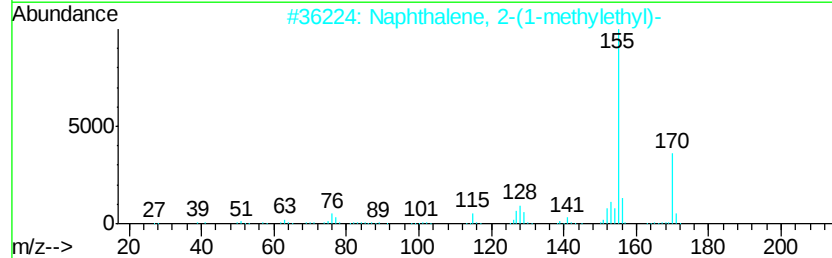
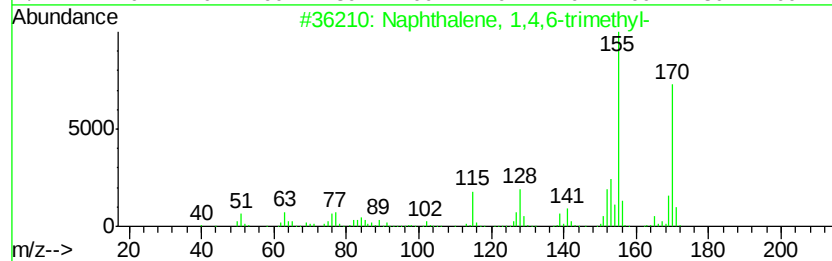
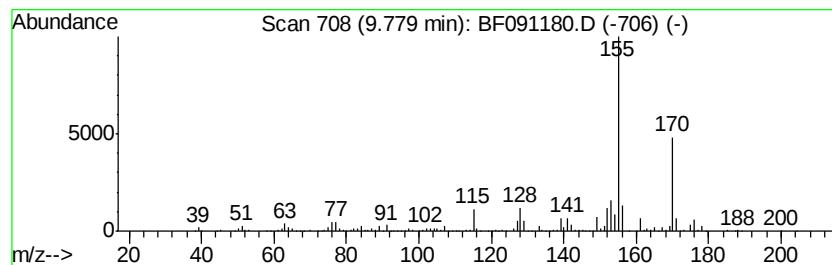
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	9.36 ng	829872	Acenaphthene-d10	9.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5			1'-Acetonaphthone	170	C12H10O	000941-98-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
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ClientSampleId :
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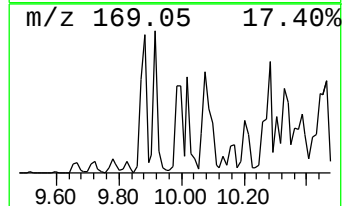
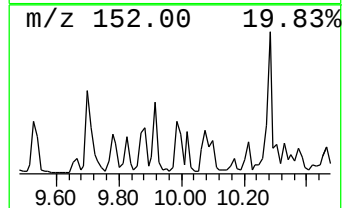
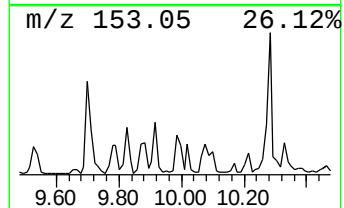
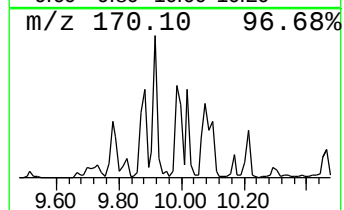
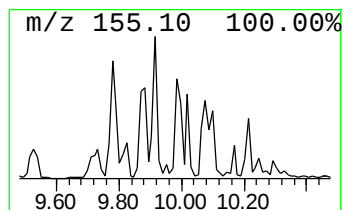
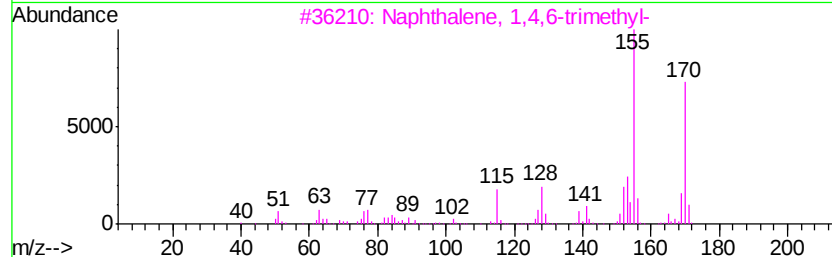
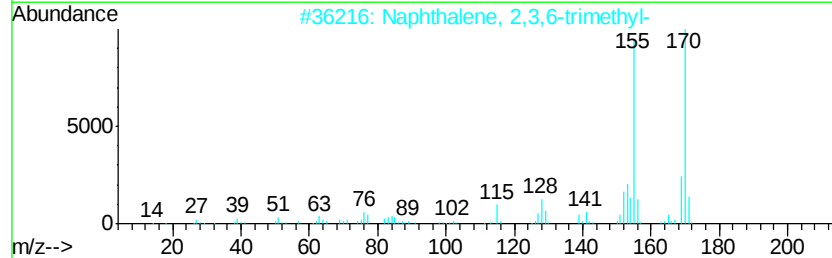
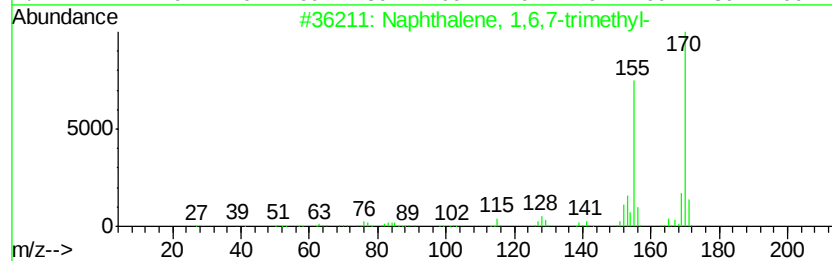
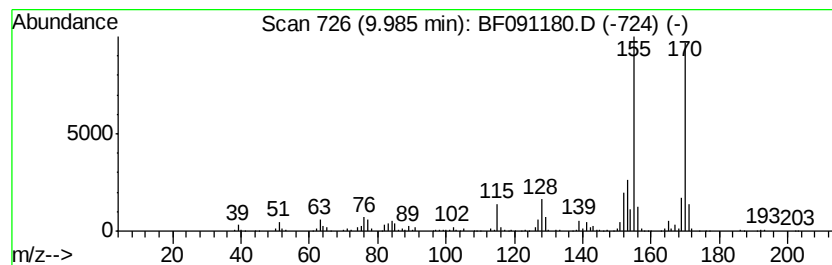
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	9.75 ng	864175	Acenaphthene-d10	9.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
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ClientSampleId :
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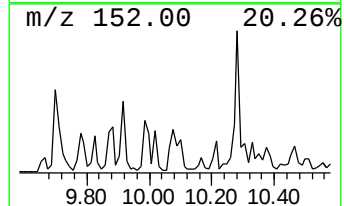
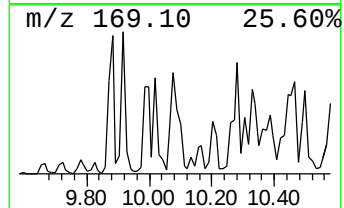
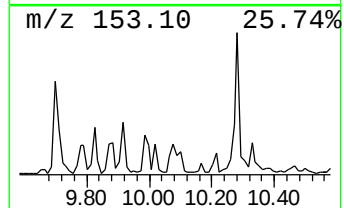
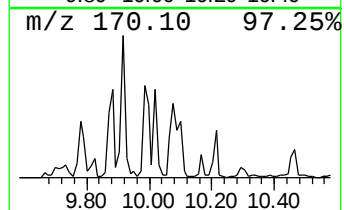
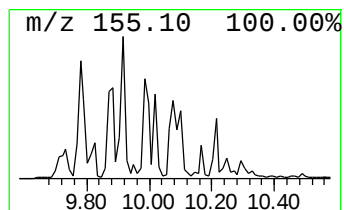
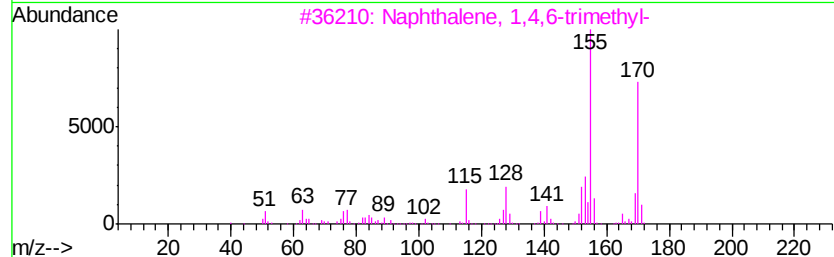
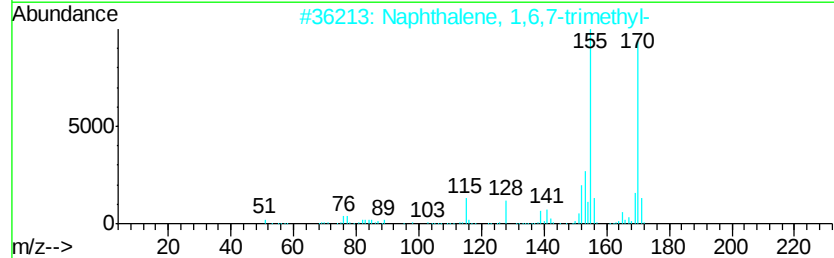
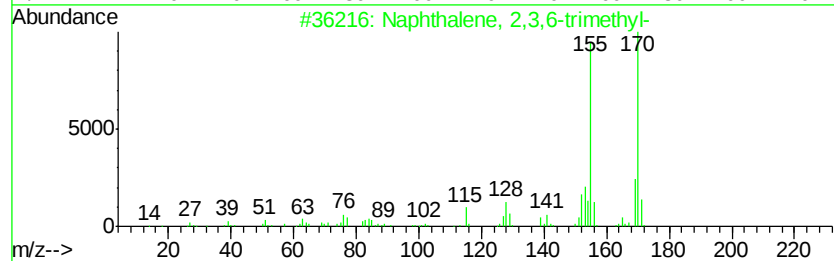
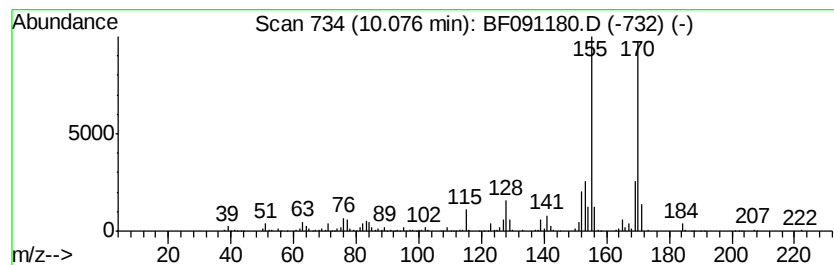
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	13.42 ng	1189740	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

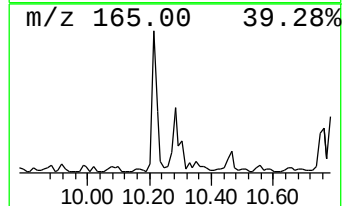
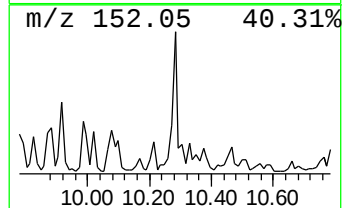
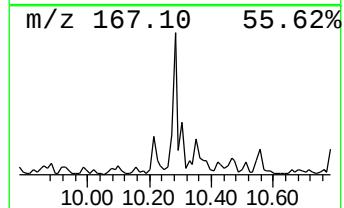
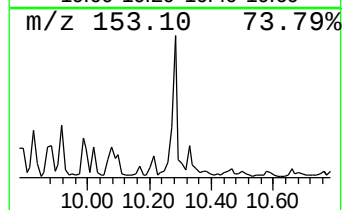
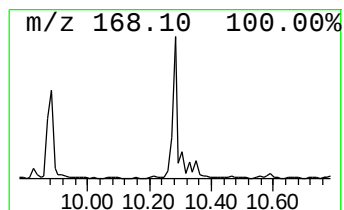
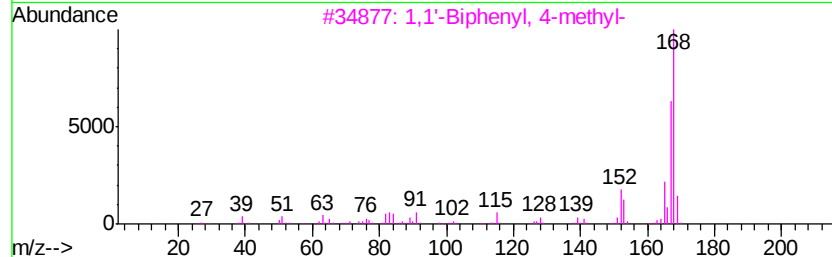
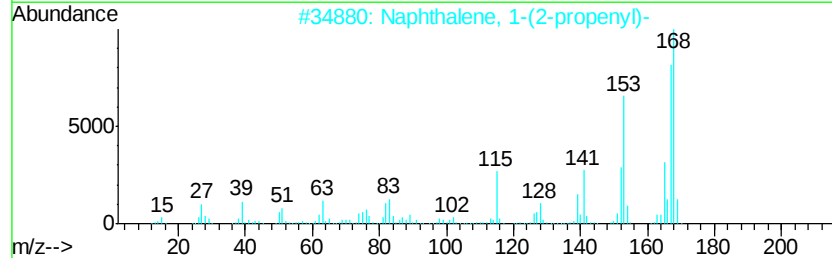
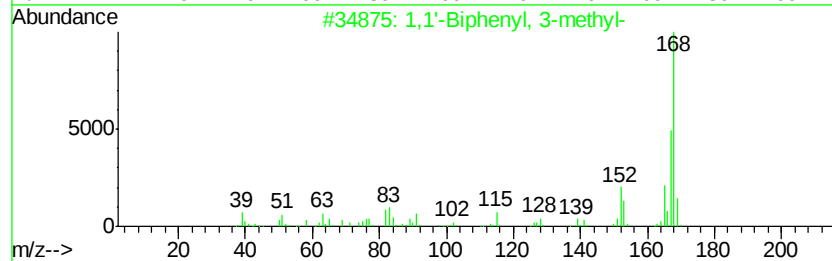
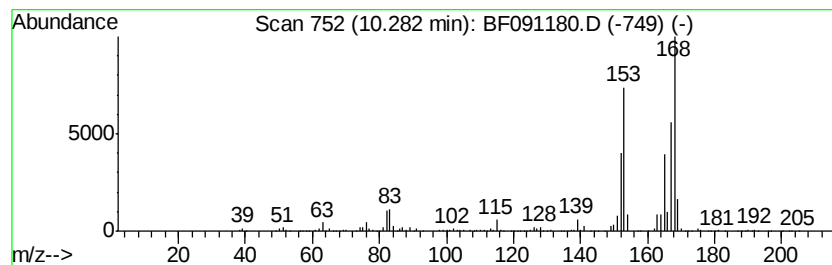
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1,1'-Biphenyl, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	13.47 ng	1194720	Acenaphthene-d10	9.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 58
2		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 58
3		1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6 52
4		Benzene, [1-(2,4-cyclopentadien-...	168 C13H12	002320-32-3 50
5		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
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Instrument :
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ClientSampleId :
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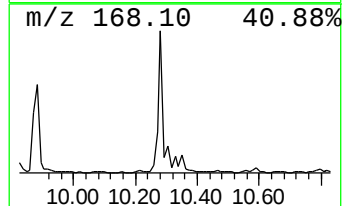
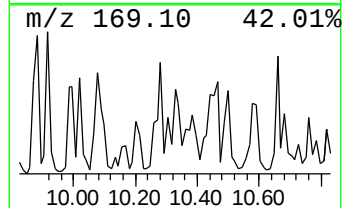
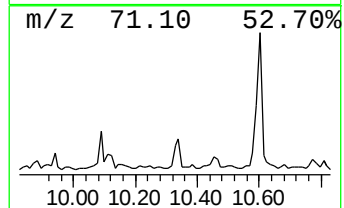
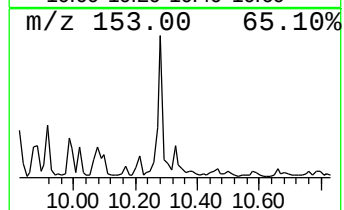
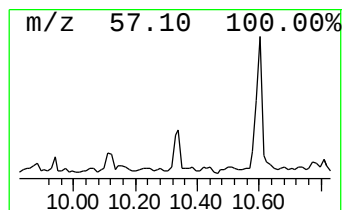
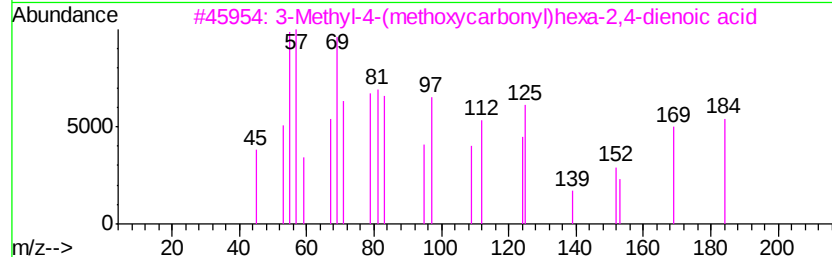
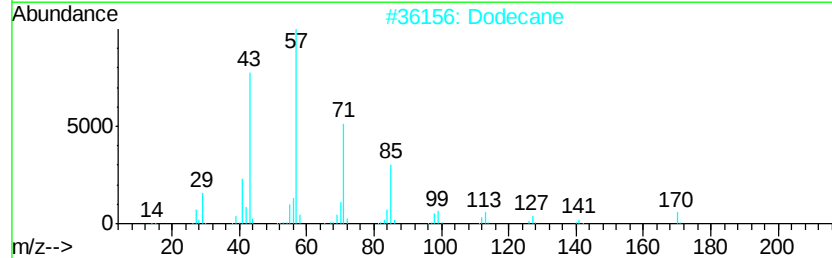
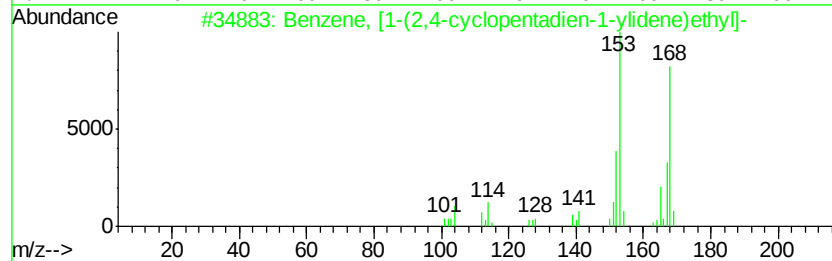
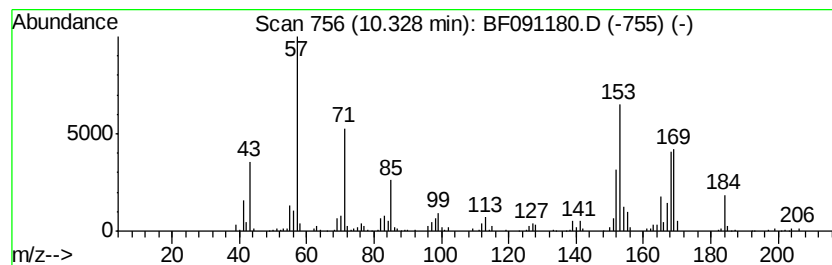
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown10.33 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	5.30 ng	470309	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	49
2		Dodecane	170	C12H26	000112-40-3	44
3		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	42
4		1-Isopropenyl-naphthalene	168	C13H12	001855-47-6	38
5		Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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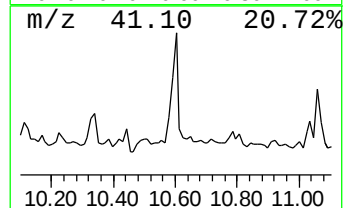
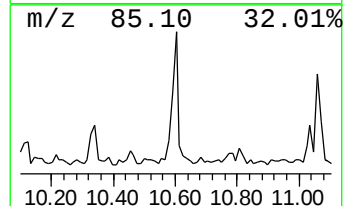
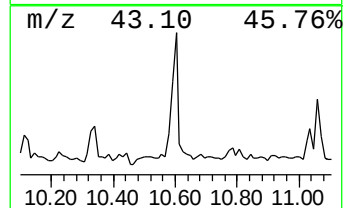
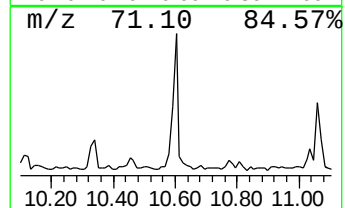
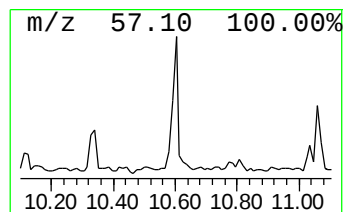
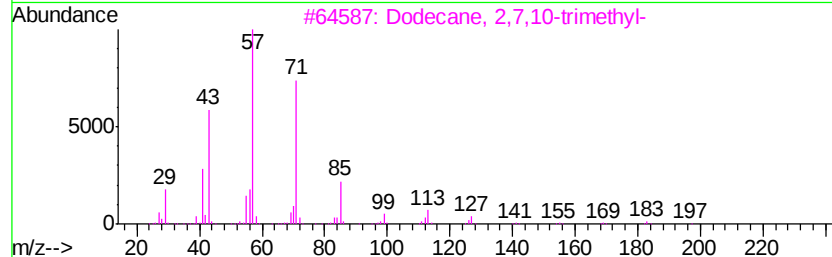
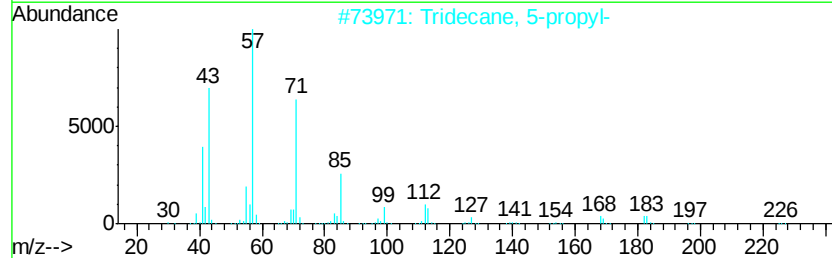
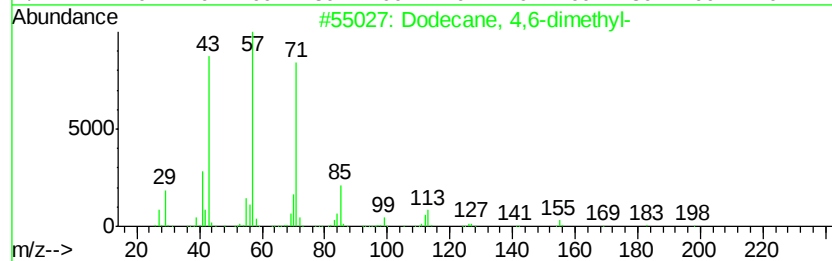
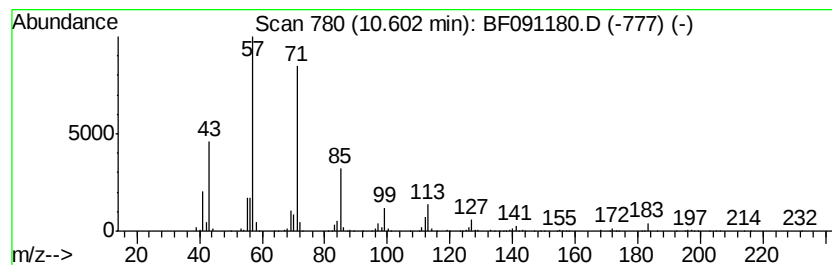
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Dodecane, 4,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	11.41 ng	797575	Phenanthrene-d10	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4			Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	78
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
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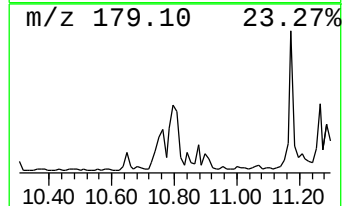
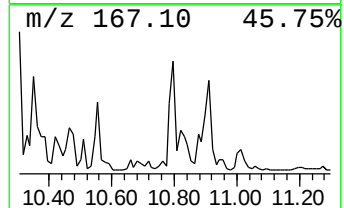
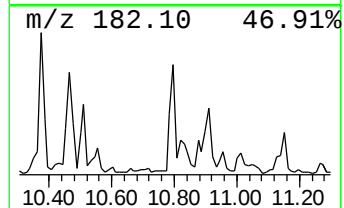
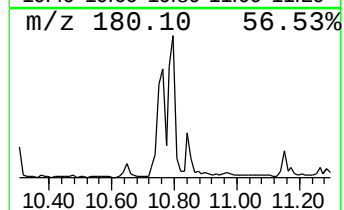
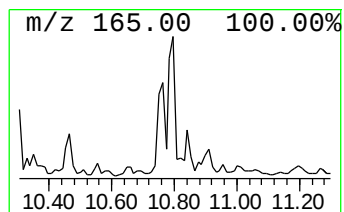
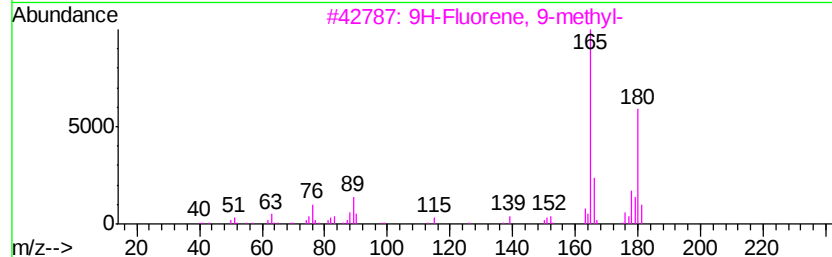
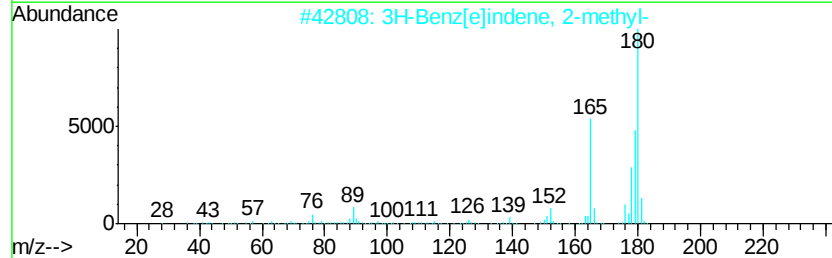
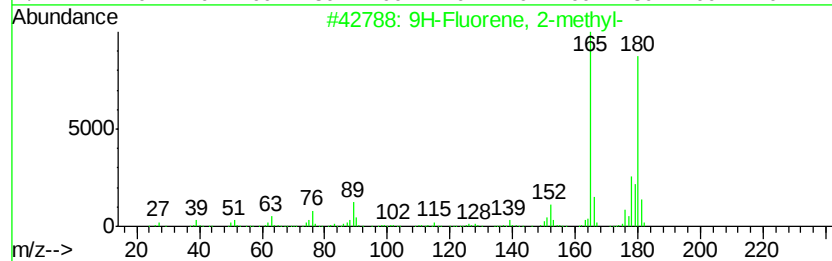
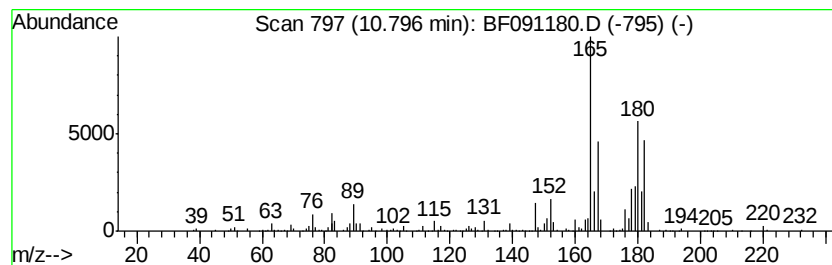
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	8.25 ng	576351	Phenanthrene-d10	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
2			3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	55
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
5			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091180.D
Acq On : 15 Nov 2016 15:54
Operator : UM/SJ
Sample : H5636-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C19033041

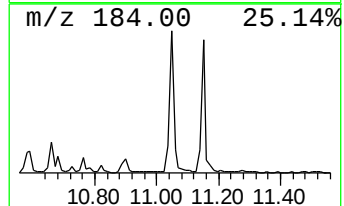
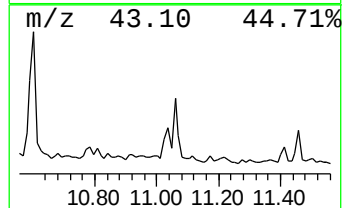
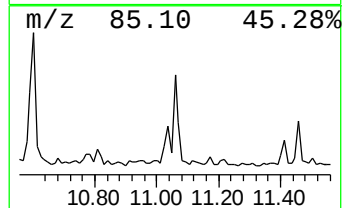
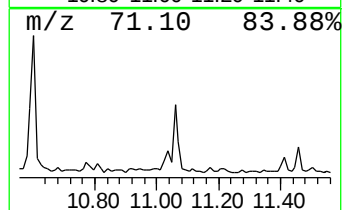
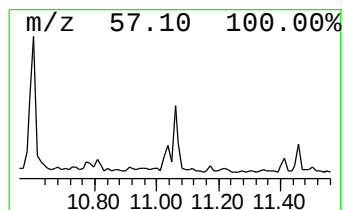
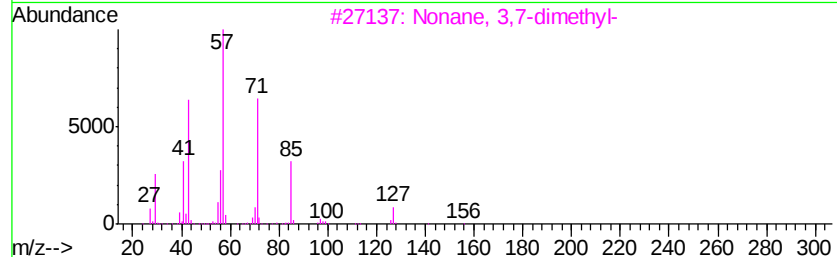
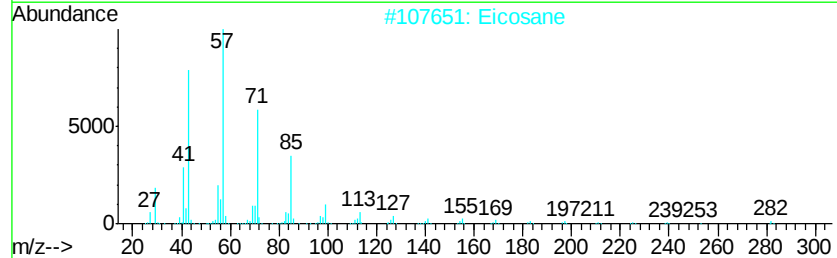
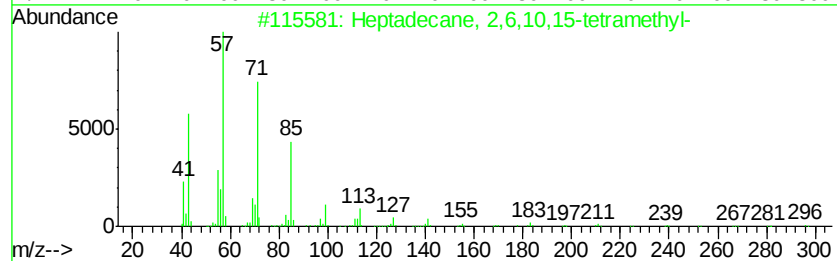
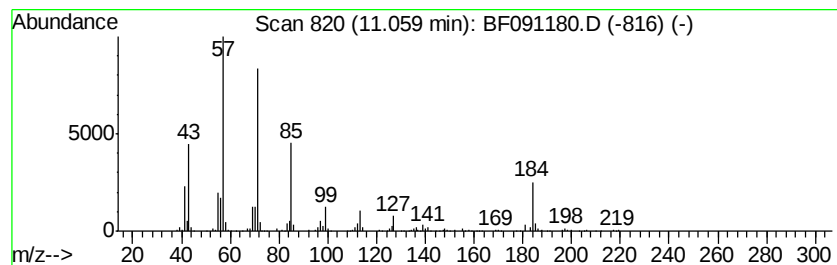
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	10.88 ng	760600	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
2		Eicosane	282	C20H42	000112-95-8	72
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091180.D
 Acq On : 15 Nov 2016 15:54
 Operator : UM/SJ
 Sample : H5636-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19033041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.76	15.4	ng	669928	1	6.64	873015	20.0
unknown6.40	6.40	82.5	ng	3602190	1	6.64	873015	20.0
Benzene, 1,3-diet...	6.89	7.0	ng	306057	1	6.64	873015	20.0
Benzene, 1,2-diet...	6.98	6.5	ng	284216	1	6.64	873015	20.0
3-Phenylbut-1-ene	7.66	9.3	ng	1615170	2	7.92	3458580	20.0
Naphthalene, 1-me...	8.74	22.1	ng	3821630	2	7.92	3458580	20.0
Naphthalene, 2-et...	9.20	18.2	ng	1616100	3	9.66	1773420	20.0
Naphthalene, 1,7-...	9.26	33.8	ng	2992350	3	9.66	1773420	20.0
Naphthalene, 2,3-...	9.33	54.0	ng	4788760	3	9.66	1773420	20.0
Naphthalene, 1,3-...	9.53	12.7	ng	1126510	3	9.66	1773420	20.0
Naphthalene, 1,4,...	9.78	9.4	ng	829872	3	9.66	1773420	20.0
Naphthalene, 1,6,...	9.98	9.8	ng	864175	3	9.66	1773420	20.0
Naphthalene, 2,3,...	10.08	13.4	ng	1189740	3	9.66	1773420	20.0
1,1'-Biphenyl, 3-...	10.28	13.5	ng	1194720	3	9.66	1773420	20.0
unknown10.33	10.33	5.3	ng	470309	3	9.66	1773420	20.0
Dodecane, 4,6-dim...	10.60	11.4	ng	797575	4	11.15	1397630	20.0
9H-Fluorene, 2-me...	10.80	8.3	ng	576351	4	11.15	1397630	20.0
Heptadecane, 2,6,...	11.06	10.9	ng	760600	4	11.15	1397630	20.0